

What is claimed is:

- 1 1. Storage system with redundant components comprising:
 - 2 a plurality of disk devices,
 - 3 a first controller having a current port connected to a first host and a
 - 4 standby port connected to a second host, and connecting to said disk devices to access a
 - 5 data from said first host using by said current port of said first controller,
 - 6 a second controller having a current port connected to said second host and
 - 7 a ready port connected to said first host, and connecting to said disk devices to access a
 - 8 data from said second host using by said current port of said second controller, and
 - 9 a plurality of communication lines between a first controller and said
 - 10 second controller,
 - 11 wherein said first controller and said second controller have a processor
 - 12 each other to detect error in the other side of the controller, and if said first controller
 - 13 occurs error, said second controller switches said ready port of said second controller as a
 - 14 current port and continues processing said access from said first host using by said
 - 15 communication lines.
- 1 2. Storage system claimed as said claim 1, further comprising:
 - 2 a first controller and said second controller have a plurality of current ports
 - 3 and a plurality of standby ports so as to connect a plurality of hosts.
- 1 3. Storage system claimed as said claim 1,
 - 2 wherein said second controller receives control information concerned to
 - 3 said first controller when error occurs in said first controller via said communication
 - 4 lines.
- 1 4. Storage system claimed as said claim 3,
 - 2 wherein said first controller receives control information concerned to said
 - 3 second controller after recovering said error in said first controller.
- 1 5. Storage system claimed as said claim 4, further comprising:
 - 2 a input device to switching

1 6. Storage system claimed as said claim 1,
2 wherein said current port and said standby port in said first controller and
3 said second controller connect to said first host and said second host via fibre channel.